



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

USDA, NASS, Kentucky Field Office
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 582-5293 or 1-800-928-5277

KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

Released weekly April - November

Issued 4:00 P.M., October 12, 2010

28-10

AGRICULTURAL NEWS: The prolonged dry conditions remain the story for Kentucky agriculture and the State as a whole. Seldom does the State experience the length of the current dry spell. Temperatures for the second week in a row were below normal and hopefully will moderate to more normal conditions. Statewide precipitation averaged 0.01 inches; the heaviest rainfall from our 29 reporting stations was 0.10 inches. **Topsoil moisture** was rated as 81 percent very short, 18 percent short, and 1 percent adequate. **Subsoil moisture** was rated as 76 percent very short, 23 percent short, and 1 percent adequate. There were 6.6 days out of a possible 7 that were suitable for fieldwork. Farming activity for the state primarily consisted of tobacco cutting and housing along with harvesting of soybeans. Additional day to day farming duties include normal farm and livestock maintenance.

ROW CROPS: Corn harvest is 96 percent complete, well ahead of both the previous year at 45 percent and the five year average of 72 percent. All of the corn acreage is basically considered mature, ahead of the 93 percent for last year and the five year average of 98 percent. Sixty-one percent of soybean acreage has been harvested, compared to 17 percent for the previous year and 28 percent for the five year average. Ninety-two percent of the soybean crop was considered mature, ahead of last year at 62 percent and the five year average of 69 percent. The percentage of soybeans shedding leaves was 98, ahead of both the previous year at 85 percent and the five year average of 89 percent. Soybean crop condition was reported as 16 percent very poor, 25 percent poor, 33 percent fair, 22 percent good, and 4 percent excellent.

TOBACCO: Housed tobacco conditions were reported as 10 percent very poor, 20 percent poor, 25 percent fair, 42 percent good and 3 percent excellent. The amount of burley already stripped was 6 percent. This was ahead of last year's 3 percent, but equal to the five year average.

OTHER CROPS AND PASTURE: Winter wheat seeding was reported to be 25 percent complete. Moisture is still a primary concern of our wheat producers. Pastures are currently under substantial stress but the drop in our temperatures have slowed soil evaporation. Pastures were rated as 47 percent very poor, 30 percent poor, 18 percent fair, and 5 percent good. Hopefully the fall rains will be substantial enough to restore our sub-soil moisture levels.

CROP PROGRESS for week ending 10/10/10

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Mature	100	99	93	98
Corn Harvested	96	90	45	72
Soybeans Dropping Leaves	98	93	85	89
Soybeans Mature	92	74	62	69
Soybeans Harvested	61	38	17	28
Winter Wheat Seeded	25	12	7	17
Burley Tobacco Stripped	6	4	3	6

SOIL MOISTURE for week ending 10/10/10

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	81	18	1	0
Subsoil	76	23	1	0

CROP CONDITIONS for week ending 10/10/10

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Soybeans	16	25	33	22	4
Pasture	47	30	18	5	0
Tobacco Housed	10	20	25	42	3

KENTUCKY WEATHER SUMMARY, OCTOBER 4 - 10, 2010:

Below Normal Temperatures and Below Normal Rainfall:

For the second week in a row the Commonwealth had a below normal average temperature. Many locations, especially in the western half of the state, received their first frost of the season early in the week. However; despite cool morning lows, afternoon highs got above normal and stayed in the 80s toward the end of the week. Rainfall was almost completely absent for the week, with only 5 stations recording a measurable amount of rain.

Temperatures for the period averaged 59 degrees across the state which was 2 degrees below normal and equal to last week's average. High temperatures averaged from 79 in the West to 73 in the East. Departure from normal high temperatures ranged from 4 degrees above normal in the West to 2 degrees above normal in the East. Low temperatures averaged from 40 degrees in the West to 42 degrees in the East. Departure from normal low temperature ranged from 12 degrees below normal in the West to 7 degrees below normal in the East.

Rainfall for the period totaled 0.01 inches statewide which was 0.66 inches below normal. Rainfall totals by climate division, West 0.00 inches, Central 0.00 inches, Bluegrass 0.00 inches and East 0.03 inches, which was 0.69, 0.66, 0.63 and 0.65 inches respectively below normal. By station, rainfall totals ranged from a low of 0.00 inches at Bardstown to a high of 0.10 inches at Cumberland Gap.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, OCTOBER 10, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Relative Humidity	
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Average	
										High	Low
		(Inches)				(Degrees Fahrenheit)					
Bardstown	0.00	26.52	0.52	+1.55	-2.23	86	36	59.1	-2	97	55
Berea	0.00	24.95	1.00	-1.387	-2.30	86	34	57.0	-3	96	54
Bowling Green	0.00	31.67	0.21	+5.30	-3.00	89	38	62.2	+1	88	42
Bristol	0.00	15.63	0.00	-6.70	-2.79	88	35	61.2	+1	98	51
Buckhorn Lake	0.01	22.81	0.52	-2.26	-2.59	83	32	56.0	-4	88	42
Cape Girardeau	0.00	22.47	0.77	-2.19	-2.34	88	33	59.2	-4	96	44
Campbellsville	0.00	28.53	0.30	-1.16	-3.50	86	32	56.6	-4	96	54
Covington	0.00	18.97	0.46	-4.29	-2.19	87	40	60.1	+0	88	44
Cumberland Gap	0.10	26.05	1.22	-0.84	-1.69	82	35	56.6	-3	98	51
Dix Dam	0.00	27.64	0.41	+1.82	-2.56	86	40	60.0	+0	83	41
Evansville	0.00	13.64	0.13	-9.67	-2.58	88	35	61.2	-2	79	46
Glasgow	0.01	30.34	0.09	+1.93	-3.21	85	35	59.1	-2	93	43
Grayson	0.00	26.82	0.64	+2.77	-1.97	85	37	56.9	-3	96	54
Hardinsburg	0.00	19.87	0.21	-6.28	-2.96	89	37	61.0	-0	96	54
Henderson	0.00	15.23	0.04	-8.99	-2.93	88	28	57.4	-6	79	46
Huntington	0.00	23.12	0.00	-1.06	-2.63	88	35	61.2	+1	90	44
Jackson	0.08	24.42	1.40	-1.70	-1.65	84	42	59.5	-0	86	45
Lexington	0.00	24.33	0.53	-0.64	-2.22	86	36	59.9	+0	83	41
London	0.00	25.80	0.71	+1.56	-2.27	83	33	56.7	-3	93	44
Louisville	0.00	24.00	0.13	-0.39	-2.64	91	44	65.1	+4	80	39
Mayfield	0.00	19.80	0.03	-7.08	-3.52	87	30	58.4	-5	96	54
Nashville	0.00	38.18	0.00	+13.67	-2.89	88	35	61.2	+0	90	44
Nolin Lake	0.00	24.69	0.21	-3.28	-3.34	87	35	59.7	-1	94	44
Paducah	0.00	19.63	0.05	-6.56	-3.13	88	34	60.7	-2	88	46
Princeton	0.00	24.66	0.03	-1.56	-2.95	87	35	59.8	-3	96	53
Quicksand	0.03	20.41	0.55	-5.71	-2.50	85	37	56.8	-3	96	54
Somerset	0.00	33.60	0.03	+6.08	-3.42	83	32	56.1	-4	96	44
Spindletop	0.00	23.40	0.59	-1.57	-2.16	88	40	61.1	+1	91	50
Williamstown	0.00	21.15	0.08	-3.59	-2.80	87	43	60.4	+1	96	54

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>